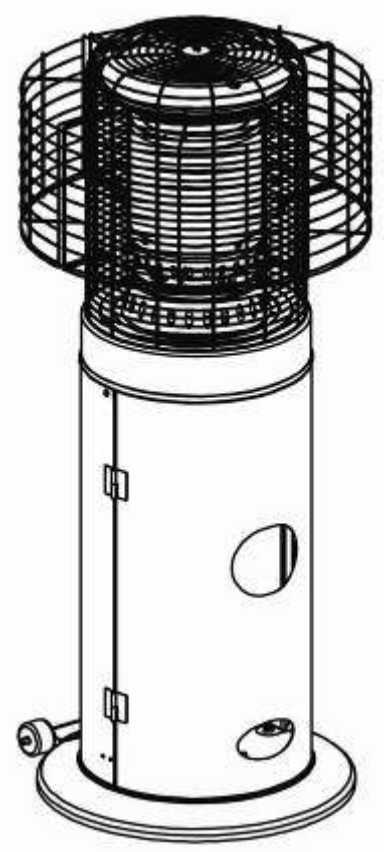
Patio Heater

Model: PH09-S/ PH09-SS
Item #: 01338, 01337, 01347, 60789, 60790



WARNING: For outdoor use only.

FOR YOUR SAFETY
If you smell gas:
1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. If odor continues, immediately call gas supplier.

FOR YOUR SAFETY
Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

PLEASE retain this manual for reference.

CERTIFICATE TO ANSI 83.26a-2008 CONFORM TO CSA 2.37a-2008
3177588 Intertek

Instruction Manual & Parts List

INSTALLER: Please leave this manual for the consumer.
CONSUMER: Please retain this manual for future reference.
Manufacturer: Changzhou Wellife Furnace Co., Ltd.

TOOLS AND PARTS NEEDED FOR ASSEMBLY

DANGER	CARBON MONOXIDE HAZARD
	This appliance can produce carbon monoxide which has no odor. **Using it in an enclosed space can kill you.** **Never use this appliance in an enclosed space such as a camper, tent, car or home.**

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

WARNING:

For Outdoor Use Only
LPG cylinders to be used must be constructed and marked in according with US DOT specifications
Storage indoors is permissible only if the LPG cylinder is removed.

NOTE:
Use only 20lb LP-Gas tank with size of 18.1in / 46cm(Height)*12.5in / 32cm (Width).
Do not use if the environment temperature is below 40° F / 4.4° C.

Tools needed:

- Open end wrench 10&12mm (included)

NOT included:

- Adjustable opening wrench 8'' long
- Slip joint 9'' long
- Philips screwdriver w/ medium blade
- Spray bottle of soapy solution for leaking test

NOTE: PLEASE READ THE FOLLOWING SAFETY RULES

WARNING:

This heater must only be used outdoors. Using this product in an enclosed area may cause injury, death or property damage.

Only use in a well-ventilated space. Do not use in a building, garage, or any other enclosed area.

Read the instructions before use. This heater must be installed in accordance
with local codes or, in the absences of local codes, with the National Fuel Code, ANSI Z223.1. If applicable, the appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with The National Electrical Code, ANSI/NFPA70.

Do not use the heater in an explosive atmosphere. Keep the heater away from areas where gasoline or other flammable liquids or vapors are stored.

Prior to use, check for damaged parts such as hoses, regulators, pilot or burner.

Turn off and disconnect LPG cylinder before moving the heater.

Do not attempt to alter this heater in any manner. EXAMPLE: Using the heater without the mesh guard or radiant screen.

Do not use the heater in basements or below ground level. It must always be placed on a solid and level surface.

Always ensure there is ample fresh air ventilation. This heater if for OUTDOOR use ONLY.

Never replace or substitute the regulator with any regulator other than the factory suggested replacement.

Do not clean the heater with cleaners that are combustible or corrosive.

Do not paint radiant screen, control panel or mesh guard.

All leak tests should be done with a soapy solution. NEVER USE AN OPEN FLAME TO CHECK FOR LEAKS.

The LPG cylinder should be turned off when the heater is not in use.

At least once a year, the heater should be inspected for the presence of spiders, spider webs or other insects.

CHECK THE HEATER IMMEDIATELY IF ANY OF THE FOLLOWING EXIST:

1. The smell of gas in conjunction with extreme yellow colored tips of the burner flames.

2. The heater does not reach temperature.

3. The burner makes a popping noise during use (a slight popping noise is normal when the burner is extinguished after using).

Children and adults should be aware of the hazards of high surface temperature, and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the area of the heater.

Clothing or other flammable material should not be hung from the heater, or placed on or near the heater.

Any guard or other protective device removed for servicing the heater must be replaced prior to operating the heater.

Installation and repair should be done by a qualified service person. The heater should be inspected before use and cleaning may be required at least once a year, or as necessary. It is imperative that the control compartment, burner, and circulating passageways of the heater be kept clean.

Keep the heater area clear of combustible materials such as gasoline and other flammable vapors and liquids.

Do not obstruct the flow of combustion and air ventilation. Keep the ventilation opening of the cylinder enclosure free and clear of debris.

Storage of the heater indoors is permissible only if the LPG cylinder is turned off, disconnected, and removed from the heater.
Cylinders must be stored outdoors in a well-ventilated area out of the reach of children. Disconnected cylinders must have threaded valve plugs tightly installed, and must not be stored in a building, garage, or any other enclosed area.

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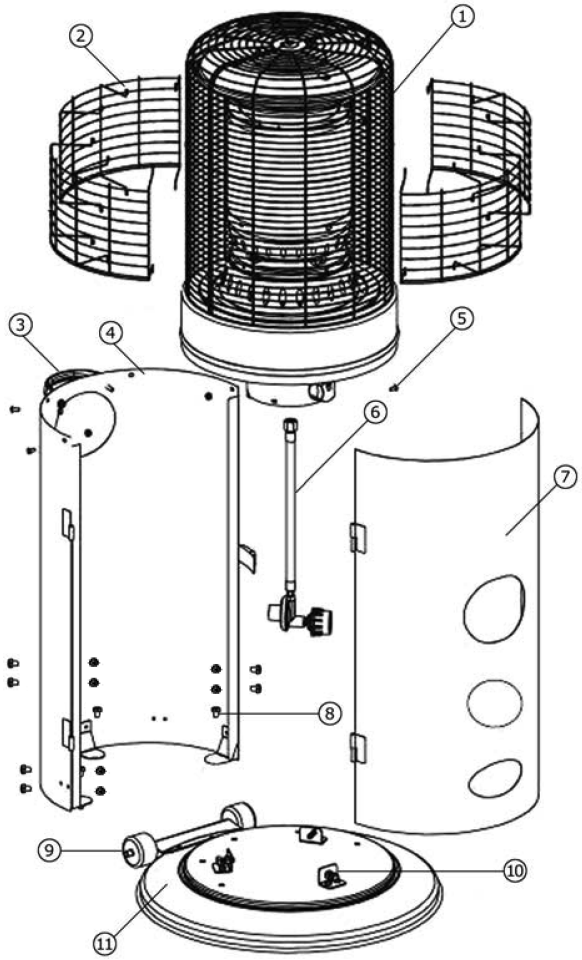


PARTS LIST

1. Burner assembly

2. 4 pcs mesh guard

3. Handle with 2 pcs M6 nuts and 2 pcs flat gaskets

4. Back panel

5. 5 pcs M4x10mm bolts, 5 pcs M4 flat gaskets, and 5 pcs M4 nuts to connect the burner assembly with back panel

6. Regulator with gas hose

7. Door panel

8. 10 pcs M5x12mm bolts and 10pcs M5 nuts for connection of 5 brackets with back panel,5pcs M8x16mm bolts to connect the back panel with base

9. Wheels with 2 pcs M8x16mm bolts and 2 pcs M8 nuts

10. 6 pcs M6x12mm bolts and 6 pcs M6 nuts for connection of 3 cylinder brackets with base and 3pcs M8x25mm bolts for securing the LPG cylinder

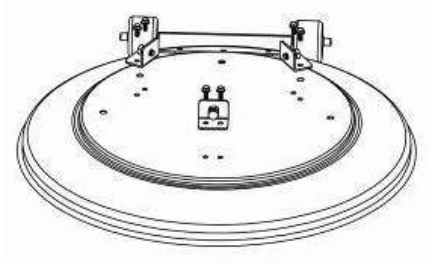
11. Base

ASSEMBLY

WARNING: This appliance requires installation by a competent person. Proper assembly is the responsibility of the installer.

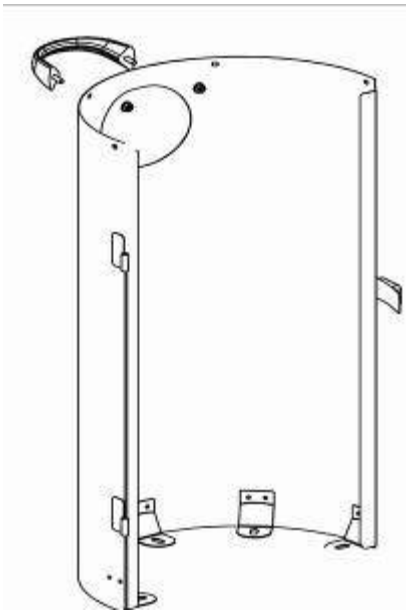
Step 1

Use 6 pcs M6x12mm bolts and 6 pcs M6 nuts to connect 3 cylinder brackets on the base. The brackets will allow LPG cylinder to rest securely on base.



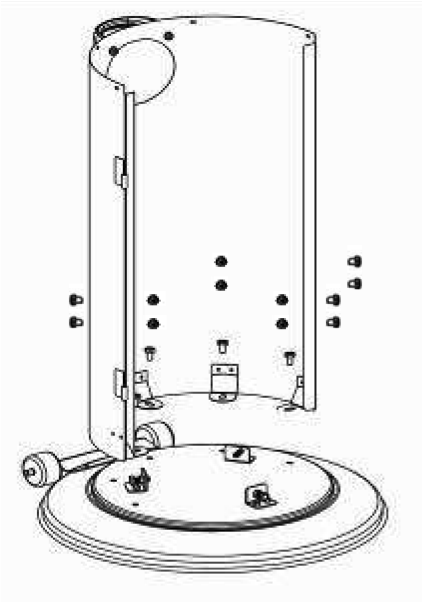
Step 2

Attach the handle to the back panel with 2 pcs M6 nuts and 2 pcs flat gasket.



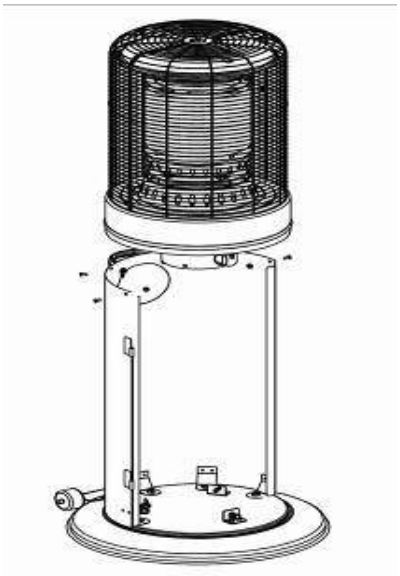
Step 3

Use 10 pcs M5x12mm bolts and 10pcs M5 nuts to connect 5 brackets with back panel, Attach the back panel on the base with 5 pcs M8x16mm bolts.



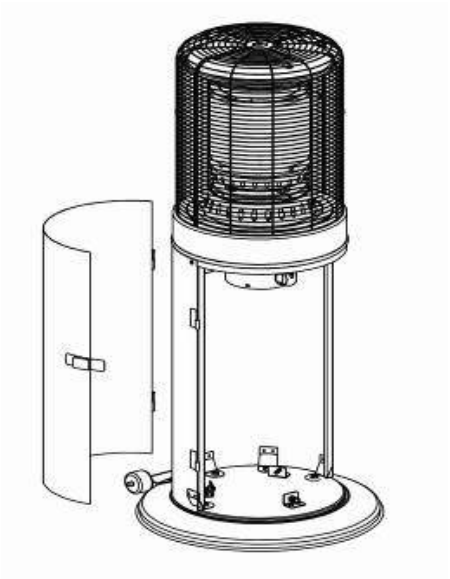
Step 4

Attach the burner assembly to back panel with 5 pcs M4x10mm bolts, 5 pcs M4 flat gaskets, and 5 pcs M4 nuts.



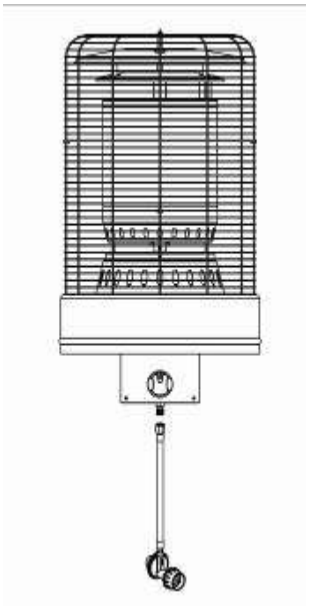
Step 5

Attach the door panel to the back panel.



Step 6

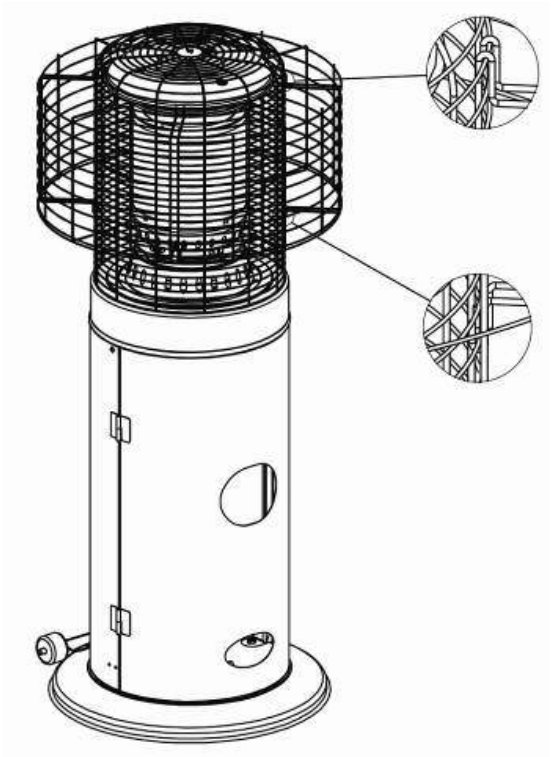
Attach the regulator to the burner assembly (see picture to the right) and tighten.



Attach the regulator to the LPG cylinder (see below).
Warning: Always make sure to check the connection for leaks before using the heater (see page 10).

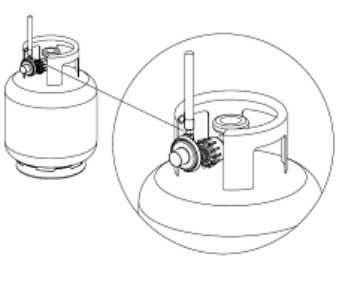
Step 7

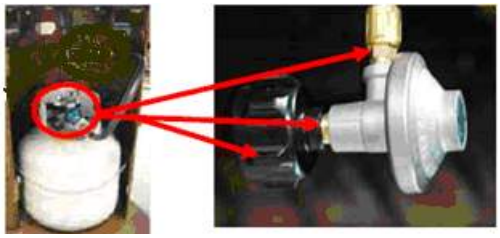
Attach mesh guards (4 pcs) to burner assembly as shown (see picture to right).



To check for leaks:
Your patio heater has been checked at all factory connections for leaks, but you should always check when you attach the LPG cylinder. To check for leaks, follow these instructions:
--Assemble all gas connections.
--Connect regulator assembly to the propane tank.
--Make sure the heater valve is turned OFF.
1) Make soapy solution by mixing 1 part liquid dish soap and 3 parts water.
2) Open the propane tank valve.
3) Spoon several drops (or use squirt bottle) of the soapy solution onto the gas hose /regulator and regulator/cylinder connection.
4) Inspect the connections and look for bubbles.
5) If no bubbles appear the connection is safe.
6) If bubbles appear, there is leakage. Close the propane tank valve, and loosen and re-tighten this connection.
7) Check for leakage again.
8) If bubbles still appear, close the propane tank valve and contact your gas supplier. If a leak is detected, DO NOT attempt to use the heater.

MAKE SURE TO CHECK ALL THREE CONNECTIONS BETWEEN THE LPG CYLINDER AND GAS LINE.





NOTE:

1) The cylinder must be provided with a shut off valve terminating in a LPG supply cylinder valve outlet specified, as applicable, for connection NO 510 in the standard for compressed gas cylinder valve outlet and inlet connections, ANSI/CGA-v-1.
2) The cylinder supply system must be arranged for vapor withdrawal.
3) The cylinder used must include a collar to protect the cylinder valve.

Annually check operation:

A. Open the door panel.
B. Open the propane tank valve.
C. Spoon several drops (or use squirt bottle) of the soapy solution onto gas hose connection and pilot connection.
D. Inspect the connections and look for bubbles.
E. If no bubbles appear, the connection is safe.
F. If bubbles appear, there is a leak. Close the propane tank valve and loosen and re-tighten this connection.
G. Check for leaks again.
H. If bubbles still appear, close the propane tank valve and call you gas supplier. DO NOT attempt to use the heater.

OPERATION

WARNING: **DO NOT attempt to operate the heater until you have read and understand all precautions. Failure to do so can result in serious personal injury, death or property damage.**

Before Turning Gas Supply ON:

Your heater was designed and approved for **OUTDOOR USE ONLY**. **DO NOT** use it inside a building or any other enclosed area.

Make sure surrounding areas are free of combustible materials such as gasoline and other flammable vapors or liquids.

Ensure that there is no obstruction to air ventilation.

Be sure all gas connections are tight and there are no leaks

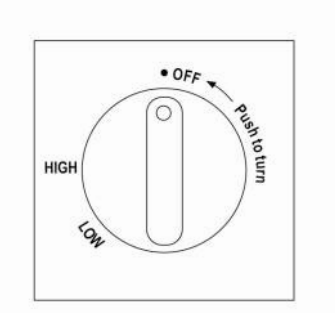
Be sure the access panel is clear of debris.

Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

Before Lighting:

Heater should be thoroughly inspected before each use. Have a qualified service person inspect the heater at least annually. If relighting a hot heater, always wait at least 5 minutes. This heater has been tested for quality assurance

LIGHTING INSTRUCTIONS



TO TURN ON THE HEATER.

1. Turn the control knob “OFF”.
2. Slowly open the gas cylinder valve fully.
3. Press and turn the control knob to “HI” position (counter-clockwise 90°).
4. Check for flame at the burner. If burner does not light immediately, turn control knob to “OFF” position and repeat from Step 2. Allow 30 seconds between ignition attempts for gas to dissipate. Several attempts may be necessary.
5. Once the burner is lit, keep control knob depressed for 15 seconds.
6. For lowest heat, push in and turn the control knob to “LOW.” For highest heat, push in and turn the control knob to “HI.”

Note: If the pilot flame does not light or it goes out, repeat Step 3 above.

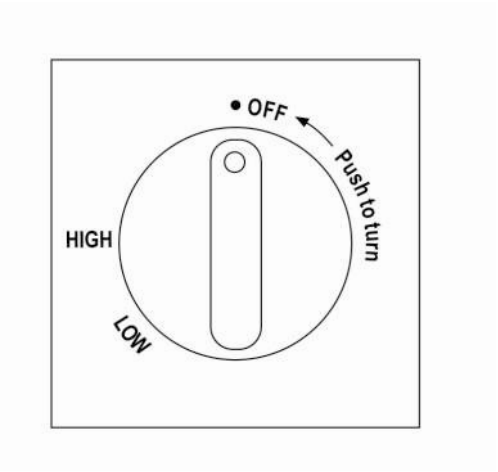
WARNING
FOR YOUR SAFETY
If at any time you are unable to light burner and smell gas, wait 5 minutes to allow gas to dissipate before attempting to light heater. If after 1 minute , you are unable to light the burner, wait 5 minutes and allow flammable vapors to dissipate before attempting to light heater again.

NOTE:

- If a new tank has just been connected, please allow at least one minute or more for the air in the gas pipeline to purge out through the pilot hole.
- When lighting the pilot flame make sure that the Variable control knob is continuously depressed while pressing the igniter button. Variable control knob can be released after the pilot flame has been lit for 20~30 seconds.
- Pilot flame can be watched and checked from the peephole located on the base of burner.
- If the pilot flame does not light or it goes out, repeat Step 3. If the burner flame goes out accidentally or it is blown out by wind, turn off the heater and wait at least 5 minutes or more to let the gas dissipate before relighting to avoid possible gas explosion. Repeat steps 2 to 4.
- **WARNING:** Failure to follow this lighting procedure may result in flame roll out beyond the emitter grid.

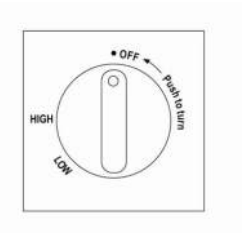
TO TURN OFF THE HEATER.

1. Press and turn the control knob to “OFF” position.
2. Turn off the valve on the LPG cylinder and disconnect the cylinder from the heater.



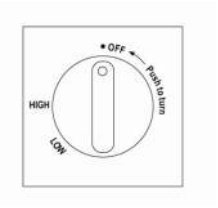
CAUTION: Avoid inhaling fumes emitted from the heater's first use. Smoke and odor from the burning of oils used in manufacturing will appear. Both smoke and odor will dissipate after approximately 30 minutes. The heater should not produce thick black smoke.

Note:
The burner maybe be noisy when initially turned on. To eliminate excessive noise from the burner, turn the control knob to the "LOW" position, then turn the knob to the level of heat desired.
Warning : White smoke may appear around the radiant head during the first minutes of the initial firing.



When heater is ON:
Emitter screen will become bright red due to intense heat. The color is more visible at night. Burner will display tongues of blue flame. These flames should not be yellow or produce thick black smoke, indicating an obstruction of airflow through the burners.
If the flame is very small, this indicates the supply pressure is not enough.

Relighting the heater:
1) Turn the control knob to "OFF" position.
2) Wait five (5) minutes before attempting to relight pilot.
3) Repeat steps beginning with step 2 on page 12.



Before leaving the heater unattended:
1) Turn the control knob to "OFF" position and turn LPG cylinder to "OFF" position.
2) Never leave the patio heater unattended while in use.

Shut down instructions:
1) Push in and turn control knob clockwise to "OFF" position.
2) Turn LPG cylinder valve clockwise to "OFF" position when heater is not in use.

NOTE: After use, some discoloration of the emitter screen is normal.

If you suspect gas leakage:
1) Turn the control knob to "OFF" position.
2) Turn LPG cylinder valve to "OFF" position.
3) Wait 5 minutes to allow gas to dissipate.
4) If odor continues, immediately call gas supplier. DO NOT use the heater.

Warning: Heater will be hot after use. Handle with extreme care until completely cooled.

LOCATION OF HEATER WHILE IN USE

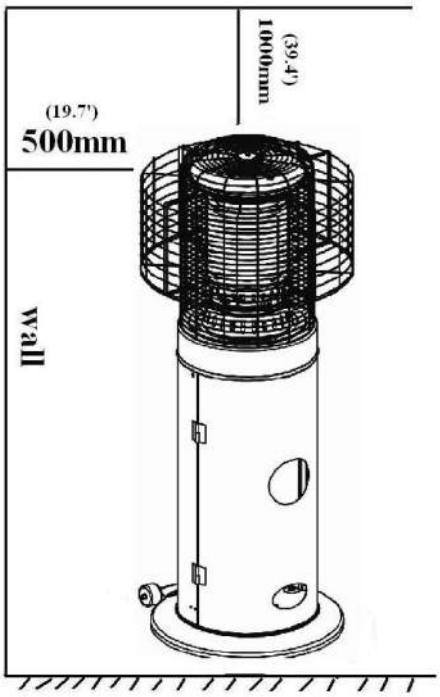
CAUTION: WHEN CERTAIN MATERIALS OR ITEMS ARE LEFT UNDER THIS HEATER WHILE IN USE THEY WILL BE SUBJECT TO RADIANT HEAT AND COULD BE SERIOUSLY DAMAGED.

This heater is to be used for the heating of outdoor patios, decks, spas, pool, and open working areas. This heater is for OUTDOOR USE ONLY.

Always make sure that adequate fresh air ventilation is provided and follow the spacing tolerances shown in the picture below. The minimum clearances must be maintained at all times.

This heater must be placed on level, firm ground.

Never operate in an explosive atmosphere. Keep away from areas where gasoline or other flammable liquids or vapors are stored or used.



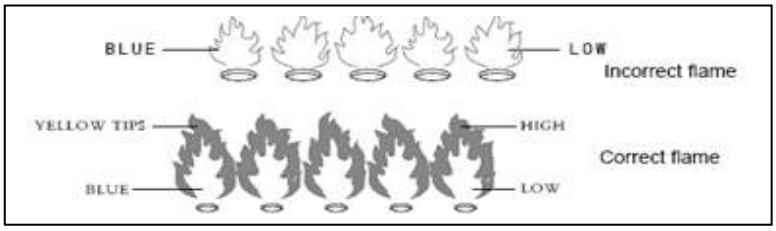
CLEANING AND MAINTENANCE

WARNING
FOR YOUR SAFETY: ALLOW HEATER TO COMPLETELY COOL BEFORE MOVING.

To enjoy years of outstanding performance from your Heater, make sure you perform the following maintenance on a regular basis:

1. Keep exterior surfaces clean. Use warm soapy water for cleaning. Never use flammable or corrosive cleaning agents. While cleaning your heater, be sure to keep the area around the burner and pilot assembly dry at all times. If the gas control is exposed to water in any way, DO NOT try to use it--it must be replaced.

2. Keep the heater area free and clean from combustible materials, gasoline or other flammable vapors and liquids. Visually check burner flames.



Visually check the hose assembly inside the panels and check for cracks or worn sections.

1) Unscrew gas hose and regulator hose with 3/4'' inch open end wrench and adjustable wrench.

2) Check if there are cracks or worn sections on hose. If yes, contact your gas supplier to replace the hose.

3) At least once a year, the unit should be inspected for the presence of spiders, spider webs or other insects.

Air flow must be unobstructed. Keep controls, burner, and circulating air passageways clean. Signs of possible blockage include:

1. Gas odor with extreme yellow tipping of flame.
2. Heater does not reach the desired temperature
3. Heater glow is excessively uneven.
4. Heater makes uneven popping noise.

Spiders and insects can nest in burner or orifices. This dangerous condition can damage the heater and render it unsafe for use. Clean burner holes by using a heavy-duty pipe cleaner. Compressed air may help clear away smaller particles.

Carbon deposits may create a fire hazard. Clean dome and engine with warm soapy water if any carbon deposits develop.

NOTE:

In a salt-air environment (such as near an ocean), corrosion occurs more quickly than normal. If the heater is exposed to this type of environment, you should frequently check for corroded areas and repair them promptly

TROUBLESHOOTING

Problem	Problem cause	solution
Pilot will not light	Gas valve may be OFF	Turn the gas valve ON
	Tank fuel empty	Refill LPG tank
	Air in supply system	Purge air from lines
	Loose connection	Check all fittings
Pilot will not stay on	Debris around pilot	Clean dirty area
	Loose connection	Tighten connection
	Thermocouple bad	Replace thermocouple
	Gas leak in line	Check connections
	Lack of fuel pressure	Fuel tank is near empty
Burner will no light	Pressure is low	Fuel tank is near empty
	Control valve not ON	Turn valve to ON
	Thermocouple bad	Replace thermocouple
	Pilot light assembly bent or not in correct location	Place pilot in proper position and retry

Manufacturer:
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1 YEAR LIMITED WARRANTY – Customers in the Continental US

All components are warranted for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application. At Well Traveled Living's sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to Well Traveled Living must be sent via prepaid freight and in the original retail packaging.

For warranty service contact Well Traveled Living at the address, phone numbers or internet site and email listed in this owner's manual. Be sure to have your sales receipt, date of purchase and catalogue/model numbers available when calling. All warranty service will be coordinated by the Well Traveled Living's, Amelia Island, Florida service center.

This warranty is extended only to the original purchaser. Proof of purchase will be required before warranty service is rendered. The sales receipt is the only valid proof of purchase. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. Failures and/or damage which result from accident, negligence, misuse, abuse, neglect, mishandling, alteration or modification, failure to maintain, improper assembly or maintenance, service by unauthorized agency or use of unauthorized components or damage that is attributable to acts of God are NOT covered.

*****THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE*****

*****PURCHASER ASSUMES ALL RISKS IN THE ASSEMBLY AND OPERATION OF THIS UNIT*****

*****FAILURE TO FOLLOW WARNINGS AND OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY*****

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This limited warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction. The provisions of the United Nations Convention on Contracts for the Sales of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.

*****IMPORTANT NOTICE*****
-Do **NOT** return to place of purchase-
For customer service and warranty issues
contact our Customer Service Center at:
(866)-985-7877 OR
Email: cservice@welltraveled.net
Customer Service Hours: Mon. – Fri. 9:00 a.m. – 6:00 p.m. (EST)

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